

Appln No. 10/767,875
Amdt date January 17, 2007
Reply to Office action of October 17, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Pease amend claims 10 and 12.

1. (Canceled).

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Currently Amended) A rechargeable lithium battery in which a total ~~maount~~
amount of gas is generated during initial charging, wherein the gas generated has a CO content
of 30 volume % or less, and further wherein the gas generated has a H₂ content of 0.2 volume %
or less, the rechargeable lithium battery comprising a negative electrode ~~comprising~~ consisting

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essentially of a carbonaceous negative active material and an aqueous binder, the aqueous binder consisting essentially of a butadiene-based rubber and a cellulose-based compound.

11. (Canceled).

12. (Currently Amended) A rechargeable lithium battery comprising:

a positive electrode;

a negative electrode ~~comprising~~ consisting essentially of a carbonaceous negative active material and an aqueous binder, the aqueous binder consisting essentially of a butadiene-based rubber and a cellulose-based compound; and

a separator;

wherein a total amount of gas is generated during initial charging, wherein the gas generated has a CO content of 30 volume % or less, and further wherein the gas generated has a H₂ content of 0.2 volume % or less.